PTO/SE/05 (08-03)
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## UTILITY PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	31715-00058
First Inventor	Jianhui Hong, et al.
Title	Ultra-Stable Flare Pilot and Methods
Everence Mail I shall No	EV 222929416 US

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450				
1. X Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27.  3. X Specification [Total Pages 19] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Form (CRF)  b. Specification Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or  ii. Paper  c. Statements verifying identity of above copies  ACCOMPANYING APPLICATION PARTS				
Prior application information: Examiner Josiah C. Cocks	9. Assignment Papers (cover sheet & document(s))  10. 37 CFR 3.73(b) Statement				
	DENCE ADDRESS				
Customer Number: 24919	OR Correspondence address below				
Name					
Address					
City	State   Zip Code				
	elephone Fax				
Name (Print/Туре) С. Clark Dougherty, Jr.	Registration No. (Attorney/Agent)   24,208				
Signature / O o o l + 0	Date Date				

This collection of information is required by 37 CFR 1.58(b). The (hforhation is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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FEE TRANSMITTAL		Co		
FEE IRAN	SIVILLIAL	Application Number	Not Yet Assigned	
for FY	2004	Filing Date	October 8, 2003	
Effective 10/01/2003. Patent fees are subject to annual revision.  Applicant claims small entity status. See 37 CFR 1.27		First Named Inventor	Jianhui Hong, et al.	
		Examiner Name	Unknown	
		Art Unit	Unknown	
TOTAL AMOUNT OF PAYMENT	(\$) 878.00	Attorney Docket No.	31715-00058	

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)				
X Check Credit card Money Other None		3. ADDITIONAL FEES				
Deposit Account: (Please charge any fee deficiencies:)	Large E				•	
Deposit 50-0449			Fee Code	Fee (\$)	Fee Description	Fee Paid
Account Number	i .	130	2051		Surcharge - late filling fee or oath	
Deposit Account McAfee & Taft	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
Name The Director is authorized to: (check all that apply)		130	1053	130	Non-English specification	
Charge fee(s) indicated below X Credit any overpayments		2,520	1812	2,520	For filing a request for ex parte reexamination	$\vdash$
Charge any additional fee(s) or any underpayment of fee(s)	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month	
1. BASIC FILING FEE	1252	420	2252	210	Extension for reply within second month	
Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month	
Fee Fee Fee Fee Pee Pescription Fee Paid Code (\$)	1254 1	,480	2254	740	Extension for reply within fourth month	
1001 770 2001 385 Utility filing fee 770.	1255 2	2,010	2255	1,005	Extension for reply within fifth month	
1002 340 2002 170 Design filing fee	1401	330	2401	165	Notice of Appeal	
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal	
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing	igsquare
1005 160 2005 80 Provisional filing fee	1451 1	,510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 770.00	1452	110	2452	55	Petition to revive - unavoidable	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453 1	,330	2453	665	Petition to revive - unintentional	<b></b>
Fee from	1501 1		2501		Utility issue fee (or reissue)	igsquare
Extra Claims below Fee Paid  Total Claims 26 .20** = 6 X 18 = 108.	1502 1503	480	2502		Design issue fee	
Independent		640	2503		Plant issue fee	<b></b>
		130	1460		Petitions to the Commissioner	<u> </u>
Large Entity   Small Entity		50	1807		Processing fee under 37 CFR 1.17(q)	<b>———</b>
Fee Fee Fee Fee Description	1806	180	1806		Submission of Information Disclosure Stmt	-
Code (\$)	8021	40	8021	l 40	Recording each patent assignment per property (times number of properties)	
1201 86 2201 43 Independent claims in excess of 3	1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each additional invention to be	
1204 86 2204 43 ** Reissue independent claims over original patent	1801	770	2801	385	examined (37 CFR 1.129(b))  Request for Continued Examination (RCE)	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	1802	900		
		Other fee (specify)				
SUBTOTAL (2) [(\$) 108.00  **or number previously paid, if greater; For Reissues, see above	*Reduc	æd by	Basic I	Filing F	ee Paid SUBTOTAL (3) (\$)	

SUBMITTED BY (Complete (if applicable)) Registration No. Name (Print/Type) C. Clark Dougherty, Jr. Telephone 24,208 405-235-9621 (Attorney/Agent) <u>Signature</u> October 8, 2003

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